

APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

682221 16922450

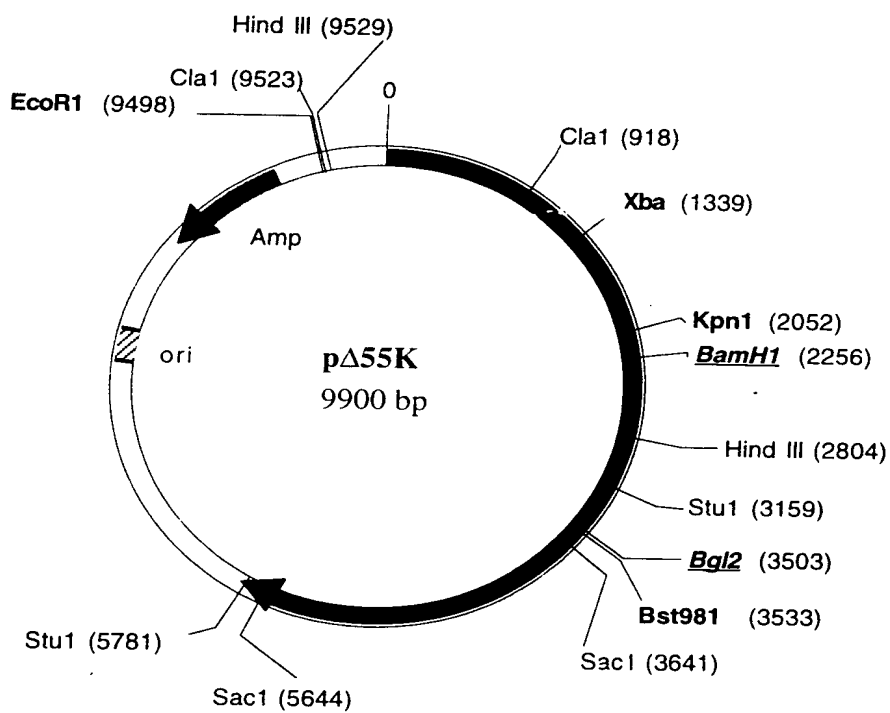


FIGURE 1

APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

66232 T692450

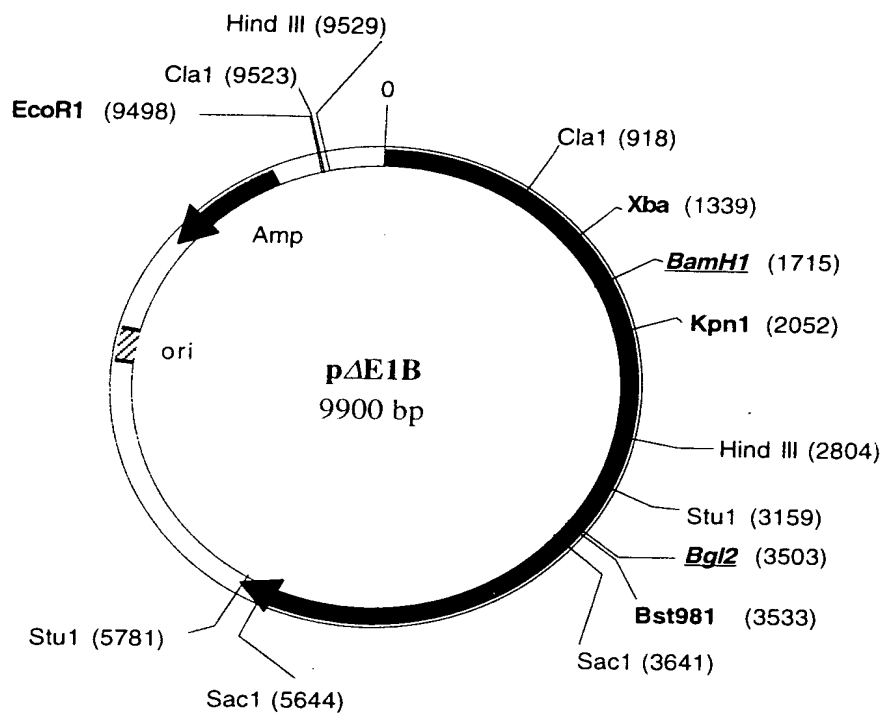


FIGURE 2

APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

662327-692460

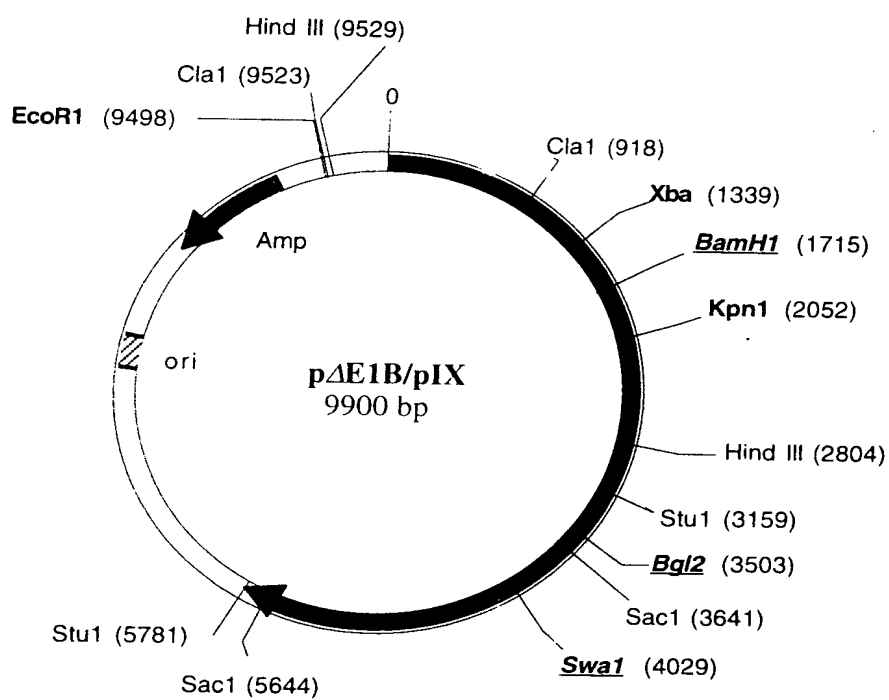


FIGURE 3

APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

66227-1632460

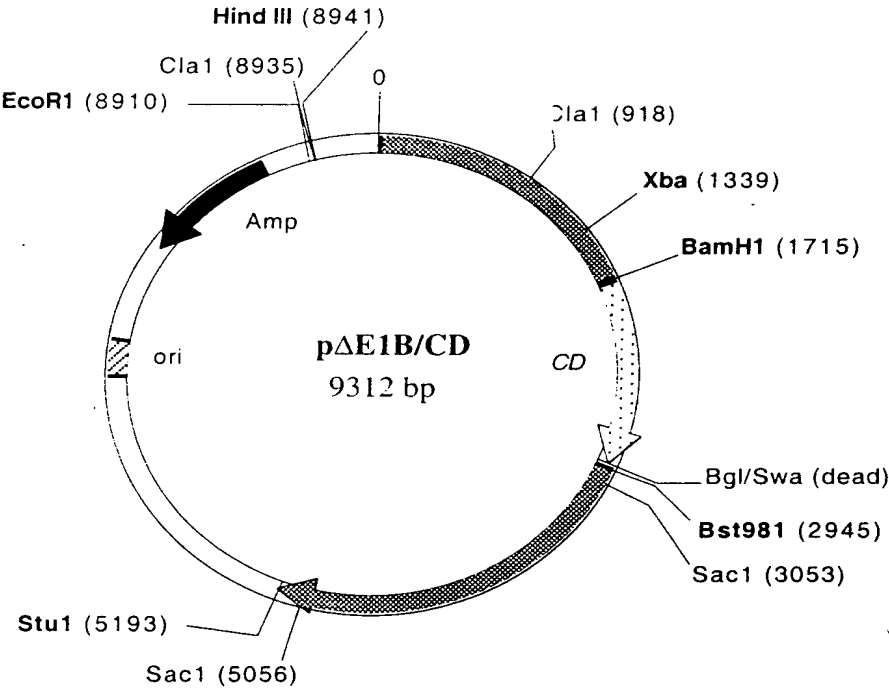


FIGURE 4

APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

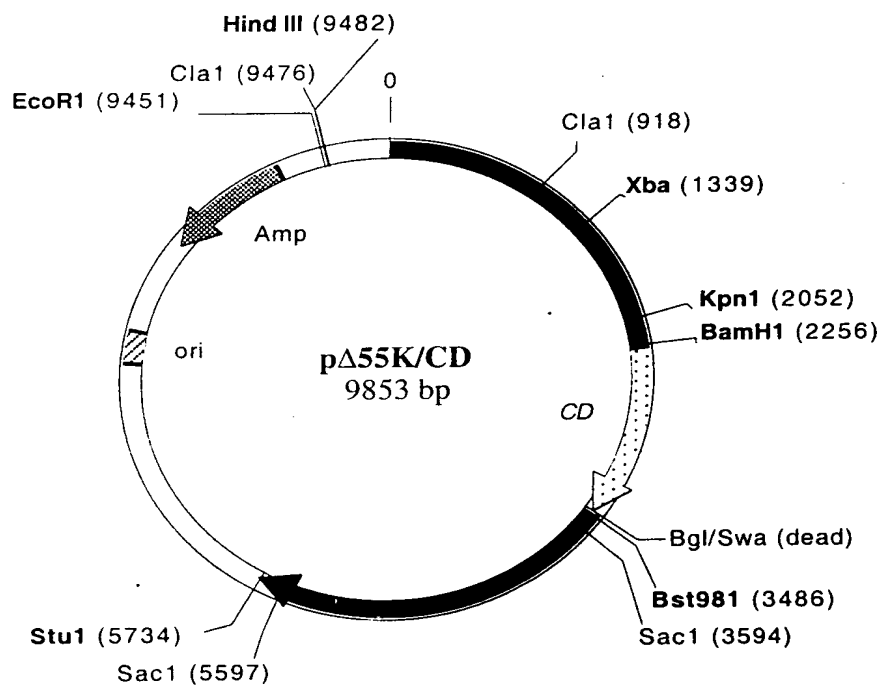
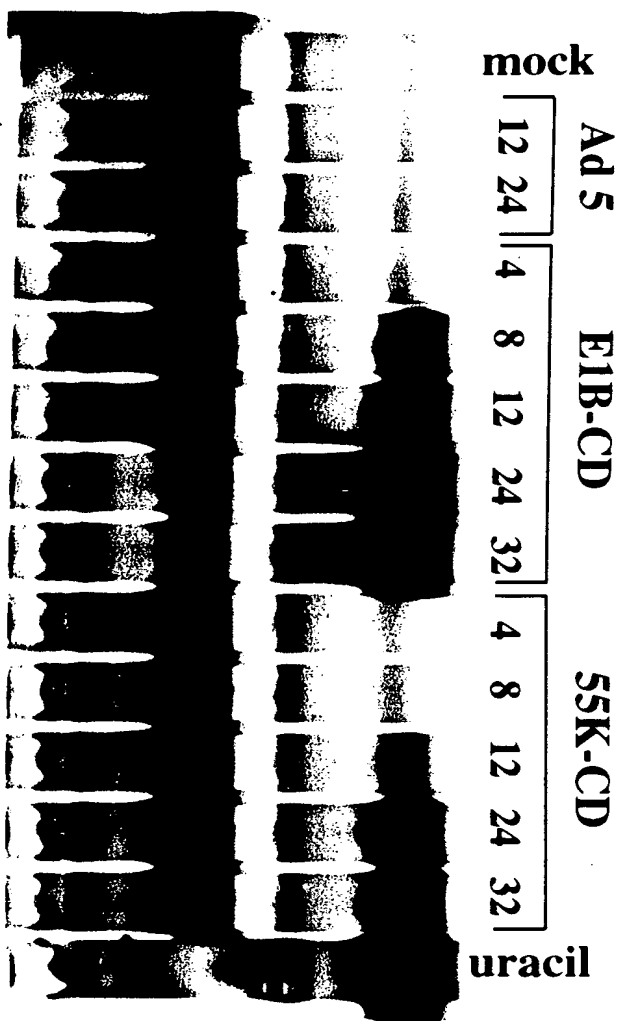


FIGURE 5

662227" T692460

Fig. 6

Cytosine Deaminase Assay



APPROVED		O.G. FIG.	
BY	CLASS	SUBCLASS	
DRAFTSMAN			

Fig.7a

CD Northern

mock Ad 5 E1B-CD 55K-CD
4 8 12 24 4 8 12 24 4 8 12 24



Fig.7b

55K Northern

mock Ad 5 E1B-CD 55K-CD
4 8 12 24 4 8 12 24 4 8 12 24



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

66422T m T692460

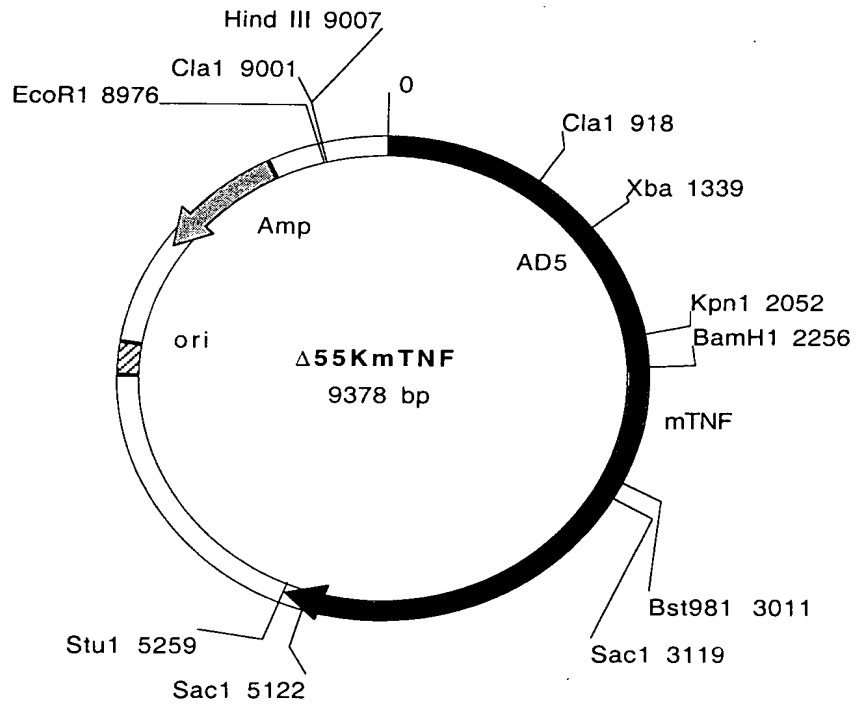


FIGURE 8

APPROVED	O.G. FIG.		
BY	CLASS	SUBCLASS	
DRAFTSMAN			

mTNF secreted from Onyx-702-infected cells

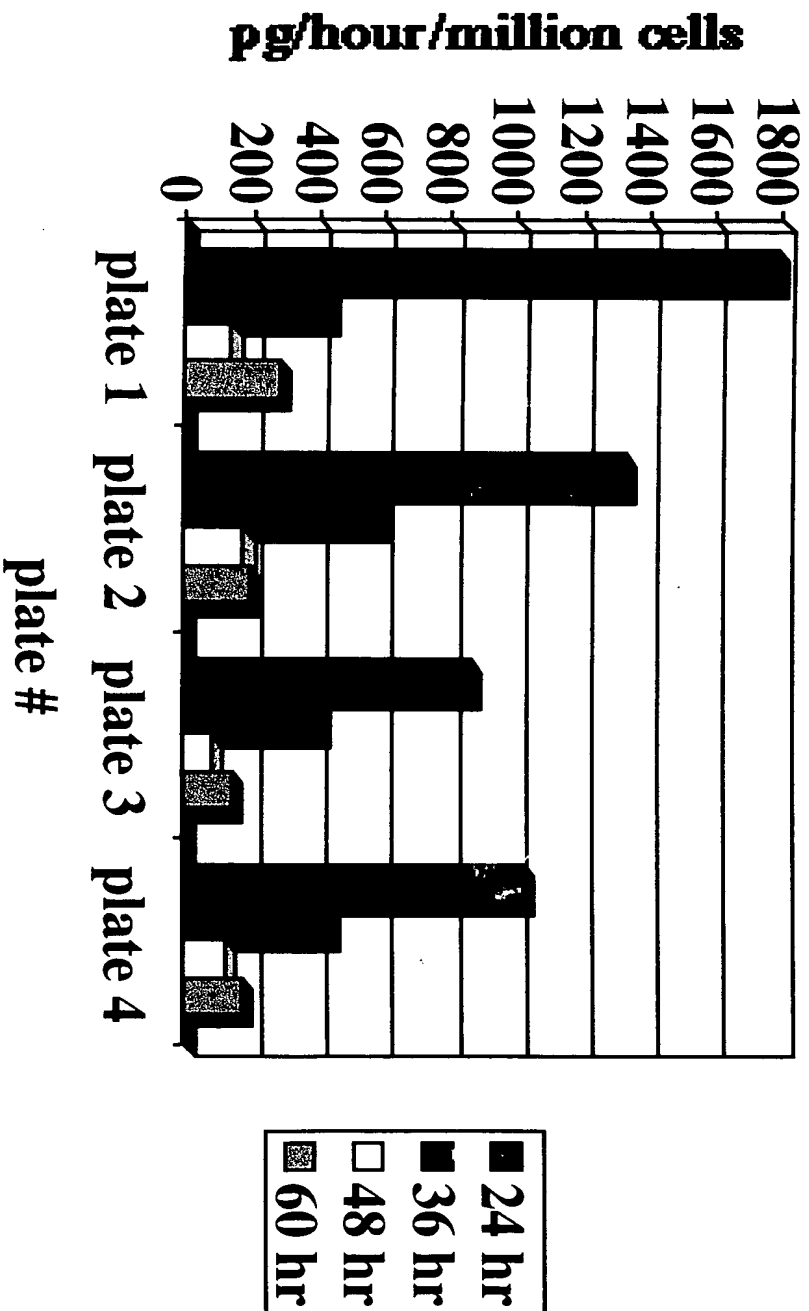
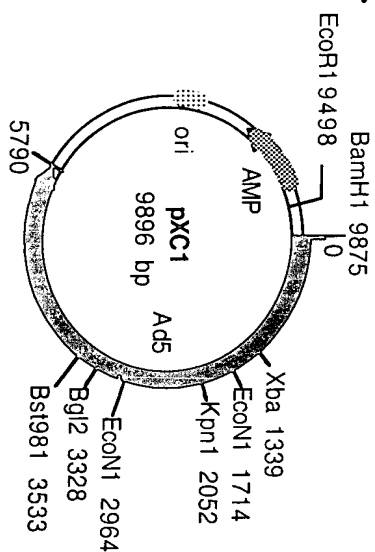


FIGURE 9

09472691.122799

I.



B. $\Delta 55K$

Δ Bam/BglpXC1



PCR mutagenesis to mutate 55K met



Sequence to confirm met mutation

$\Delta 55Kmet$



Create BamHI site 3' of 19K stop via PCR mutagenesis

$\Delta 55Kmet$ 3'Bam



PCR mut w/Xba and Bst981 (has Bgl2 site)
oligos to create Bgl2 at 3503



Purify Xba/Bst981PCR fragment and
clone back into Δ Bam/BglpXC1
 $p\Delta 55K$ shuttle vector

A. $\Delta E1B$

BamHI/fill in/ligate
 Δ Bam/BglpXC1



EcoNI partial/gel purify linear



Ligate BamHI linker

check to make sure at 1715

BamHIpXC1



PCR mut w/Kpn and Bst981 (has Bgl2 site)
oligos to create Bgl2 at 3503



Purify PCR product and cut with Kpn and Bst981



Ligate Kpn/Bst981 PCR product back into BamHIpXC1

$p\Delta E1B$ shuttle vector

09472591 122799

FIGURE 10